



Flexible residential construction prototype benefits from linear motion systems



To combat the issues of infrequent room use, high real estate prices, energy consumption increases and environmental sustainability degradation, a group of Virginia Tech University engineering faculty and students built a fully functioning smart house prototype. Rooms can be reconfigured on command by touch, voice, gesture or smartphone.

A recent *Design World* article took a closer look at the FutureHaus project, including the use of Thomson electric linear motion systems, which help move room-sized, load-carrying walls smoothly and quietly. For example, in the image above, the left side of the living room wall slides into the living room to open the home office during the day. A screen on the partition rotates to provide teleconferencing for home office or entertainment in the living room.

Click below to read the full article to learn more about the project and why the team chose Thomson linear motion systems for their wall-moving solution.

[Read the Full Article >](#)

[Size & Select Your Ideal Linear Motion System >](#)

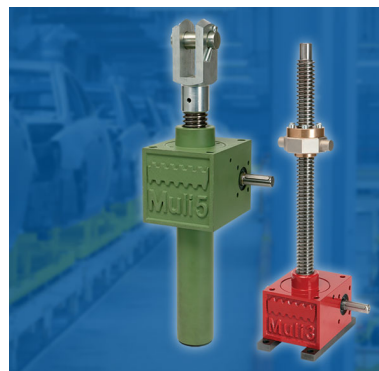
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